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REPORT

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Lomonosov Branch of NII 400

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THIS IS UNEVALUATED INFORMATION.

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ESTABLISHMENT OF THE LOMONOSOV BRANCH OF NII 400

1. The Lomonosov Branch of NII 400 is a technical research and development station for underwater weapons and ordnance instruments and is directly responsible to the main institute of NII 400 in Leningrad, which in turn is under the jurisdiction of the Ministry for Shipbuilding Industry (MSP). Institute 400 is located on the north bank of the Neva River in the vicinity of the Finlandskiy Vokzal (Finnish railroad station) in the northern section of Leningrad. 50X1-HUM

They were Dipl. Ing. KROCHMANN, an electronics specialist who is still in the USSR, and Dr. SCHMIEDECKE, a theorist who was repatriated on 15 February 1953 and who is now residing in the Soviet sector of Berlin. Dr. GRUDNITSKIY, the director of NII 400, seldom visited the Lomonosov Branch.

2. The Lomonosov Branch was established in May 1948 at Menshikov Castle located near Lomonosov (formerly named Oranienbaum), approximately 30 kilometers west of Leningrad. On this date, NII 400 assumed the administration of Menshikov Castle and the German 50X1-HUM

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specialists working there. Up to that time, the castle had been controlled by the Soviet Navy Ministry through the OTB (Osoboye Tekhnicheskoye Byuro) or Special Technical Bureau.

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At the branch, there were approximately 100 Soviet employees and 30 German specialists, plus about 40 German dependents living at the castle.

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ORGANIZATION OF THE LOMONOSOV BRANCH

3. [] a chart which outlines the organization of the Lomonosov Branch [see page 17]. The administration and technical supervision of

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the new organization consisted exclusively of Soviet civilian engineers and technicians headed by the newly appointed technical director, MAKSIMOV. A few of the navy officers, primarily technical interpreter-translators who formerly served with the OTB (1946--1948) remained with the branch in the same positions until sometime in 1951. The 30 German specialists comprised the main part of the new organization's technical personnel.

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[] this was one of the few instances where a plant or institute in the USSR was organized around a core of German specialists. Ordinarily, German specialists deported to the USSR were assigned to already existing or established plants.

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Comment: [] observation on the following factors: (a) the branch was actually organized in 1948 with the Germans as the only qualified technical personnel; (b) the Soviet engineers were incompetent and did not contribute much to the technical development of the branch; (c) the 30 German specialists were not recruited from any particular German plant but represented several fields of endeavor;

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Functional Division of the German Specialists into Groups

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4. While the specialists lived temporarily in Sestroretsk (1946--1948) they were divided into three groups: Group I--Torpedo Propulsion, headed by Dipl. Ing. Kurt LAWITSCHKA; Group II--Torpedo Fuse, under Dipl. Ing. Georg GLOEDE; and Group III--Underwater Mine Fuse, under Dipl. Ing. Roman KOLL. Later, when the branch came under the NII 400 administration, the group division remained basically the same, although Groups II and III were merged under the newly organized High and Low Frequency Technical Department [see page 17]. The Lawitschka group, however, continued working independently on the development of torpedo propulsion methods until approximately the first part of 1951.

5. Following 1948, Groups II and III were engaged in the design and development of underwater acoustic measuring instruments. Instruments under development included an apparatus for measuring the amplitude of vibration of the diaphragm of the shaking table, vacuum tube voltmeters, low frequency amplifiers, band filters, signal generators, dynamic receivers, oscillographs (twin beam), acoustic spectrometers, frequency analyzers, etc.

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[] This work continued until early 1953, but during the last two years, there were progressively fewer work assignments, and eventually no work was performed by any of the groups for months at a time. Very few new instruments were developed during the last few years. Those worked on during that period were old models which required only insignificant alterations, and even then, [] merely supervised the work, or did some additional calibration on the instruments. During the entire period of our work at the castle, [] were never told the purpose for which the instruments

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developed were to be used. However, it was obvious that these instruments could have been used only in underwater sound research and development. It was repeatedly rumored among the personnel that the developed instruments were being sent to production centers where they were supposedly produced in small series, and distributed to various naval research stations in the Far East, Black Sea, and the Baltic.

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Discontinuance of Work on Torpedo Propulsion

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6. During the last two years, beginning early in 1951, the work of the torpedo propulsion group (under LAWITSCHKA) was completely stopped. No reasons were given. The members of this group were reassigned to a separate room and during working hours were completely isolated from the rest of the personnel. It was strictly prohibited for anyone to enter this room or contact members of this group. This situation was called "mental quarantine" by the Germans. While confined to this room during working hours, the members of the group were allowed to utilize their time as they desired. They could read, sleep, play cards, etc., but were never called upon to do any technical work. This so-called "mental quarantine" condition was interpreted as an attempt on the part of the Soviets to force the members of the group to forget details of the work they had been engaged in during the previous years.

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the same type of "quarantine" conditions were imposed in their installations, probably for the same reasons.

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DOCUMENTATION AND RESTRICTIONS

7. While under the administration of the OTB, the German specialists possessed a document called "Temporary Residence Permit for Foreigners", which served as our personal identification on trips to Leningrad or to other places in the vicinity of Lomonosov. In May 1948, after the transfer of the German group from the Navy to the MSP, this document was withdrawn under the pretext of renewal, but was never again returned. Also while under the OTB, [] enjoyed absolute freedom of movement. The new administration under NII 400 withdrew this privilege in 1948 and tried to restrict our movements by any means using our previous association with German PWs in the Sestroretsk area as an excuse for this action. During the period 1948 [] the Germans did not possess any sort of document or identification as legal proof of employment and residence in the USSR.

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8. During this same period [] were permitted to leave the castle without an escort only for the purpose of visiting the town of Lomonosov, approximately one kilometer from the castle. [] were not, under any circumstances, allowed to travel to Leningrad or neighboring localities unless accompanied by one of the escort-interpreters who were responsible to the castle's komendatura. Within the castle, various workshops and areas were on the restricted list. The working premises occupied by the Lawitschka group [] were off limits to all personnel. [] the members of this group could not visit the other groups during working hours and vice versa.

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DEPORTATION OF GERMAN SPECIALISTS FROM KARLSHORST/BERLIN

9. The first group of 28 specialists was deported from Karlshorst/Berlin to the USSR on 22 October 1946. (Of this group, only Dipl. Ing. Walter SCHOLZ, [redacted] came from Leuna.) This group was originally settled in Sestroretsk and later (1947) transferred to Menshikov Castle, near Lomonosov, where they lived and worked [redacted] 50X1-HUM
[redacted] On 15 February this group was 50X1-HUM
augmented by two additional specialists: Dipl. Ing. Hans MYSLIWITSCHER, a Sudeten German, [redacted] 50X1-HUM

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PLACEMENT OF SOVIET AND GERMAN PERSONNEL AT LOMONOSOV BRANCH, NII 400

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12. [] listed below both the Soviet and German personnel [] at the Lomonosov Branch according to a breakdown by departments [] see the organization chart, page 17. This breakdown is based on the organizational status as of February 1953, [] it should be noted that Soviet supervisors in various sections of the branch were frequently shifted from one office to another.

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Ministry for Shipbuilding Industry (MSP)

MALYSHEV

[] he was in charge in 1947.

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Personnel Department of MSP

VORONIN

Chief of Personnel or the head of the Second Chief Directorate (Vtoroye Glavnoye Upravleniye). The German specialists frequently wrote to this department complaining about restrictions or mistreatment imposed on them by the Soviet supervisors. Orders directed to NII 400 and subsequently placed with the branch came from this department.

NII 400, Leningrad

GRUDNITSKIY

Technical Director of the institute. He was seen at the branch on rare occasions.

Lomonosov Branch, Menshikov Castle

MAKSIMOV Ing.

Technical Director of the branch.

KOKRYAKOV Ing.

Deputy director. Formerly in charge of the Lawitschka group.

SMIRNOV

Business and Economic Director

Technical Department/Torpedo

TERASOV Ing., designer

In charge of the torpedo propulsion group. It is possible that TERASOV was only deputy to KOKRYAKOV, who always remained head of the Lawitschka group but actually spent little time managing the department.

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Design Office

Names and number of Soviet personnel in this office are

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Germans: Group I

ABERMETH, Hubert Dipl. Ing., Designer

KEMPA, Ewald Ing., Designer

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DUERING, Ursula Draftswoman

SIMMEL, Anita Draftswoman

Technical Laboratory

Germans: Group I

GUTSCHE, Fritz Dr. Ing.

LAWITSCHKA, Kurt Dipl. Ing. Head of the torpedo propulsion German group.

LOEWIS, Eduard Dipl. Ing.

MAGERSTAEDT, Ernst Ing.

MYSLIWITSCHKEK, Hans Dipl. Ing.

SIMMEL, Paul Ing.

SCHOLZ, Walter Dipl. Ing.

Chemical Laboratory

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Probably no Germans ever worked there.

Explosion Bunker

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the bunker was used for combustion experiments conducted by the Soviets and probably with the aid of LAWITSCHKA.

Workshop

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No Germans worked there.

Supply Room

No information available.

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Technical Department--High and Low Frequency Techniques

MOSKALENKO Ing. In charge of Groups II and III.

Design Office

[redacted] there were three designers and six to seven draftsmen.

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Germans: Group III

BACHMANN, Gerhard Ing., Designer

DILL, Johann Ing., Designer (Group II)

GLOEDE, Helga Designer, draftswoman Wife of Georg GLOEDE

KAMANN, Elfriede Draftswoman

FROMNITZ, Heinz Ing., Designer

LUEBCKE, Ernst/[STIB] Prof. Dr. Phil. Though he was assigned to the underwater mine group, he worked as consultant for all groups.

Ultrasound Laboratory

ORLOV Served as last chief of the laboratory, replacing KURILKO, who had directed the section for a long time. (KURILKO was known to be a most capable engineer in high frequency technique. Transferred in 1952 to a location unknown [redacted])

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There were also five Soviet mechanics at the laboratory.

Germans: Group II

BOESE, Bruno Ing.

GLOEDE, Georg Dipl. Ing. Head of Group II.

GRAEFE, Gerhard Dipl. Ing.--Physicist

HILDEBRANDT, Ernst Ing.

KLEMKE, Ewald Dr. rer Math.

MARTIN, Hans Dipl. Ing.

SEDLER, Gerhard Ing.

Low Sound Laboratory

KORCH Navy Lt. In charge. Replaced ORLOV, who had headed section for a long time.

FEODOROV Mechanic

MOROZOV Mechanic

SOKOLOV Mechanic

There were also two or three other Soviet mechanics.

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Low Sound Laboratory (Continued)Germans: Group III

HEINZERLING, Heinz	Dr. rer Math.	
GRAF, Kaspar	Master Electro-mechanics	
GRAHMUELLER, Hermann	Master Electro-mechanics	Transferred October 1952 to Issue and Repair of Instruments Store.
JASCHKE, Elizabeth	Sec.-steno	Actually worked for all groups.
JOHN, Kurt	Ing.	
KOLLE, Roman	Dipl. Ing.	Head of Group III
MAEKBACH, Frank	Dr. Phil. -- physicist	

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Workshop

Approximately 10 Soviet mechanics worked there. No Germans.

Issue and Repair of Instruments Store

ANDREYEVA, Mrs.	Ing.	Supervisor, assisted by two--three mechanics.
GRAHMUELLER, Hermann	Master Electro-mechanic	Transferred from low sound laboratory in 1952.

Supply Room

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[] this room was attended by two--three Soviets.

Administration OfficesPersonnel Section

KOFKIN	Chief, with two Soviet female assistants.
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Planning Section

Names and number of Soviet personnel unknown to me.

Bookkeeping

Chief bookkeeper, cashier, and three female clerks.

Security Section

No information (female chief).

Guard Section

KALININ	In charge of guard detachment; approximately 10--12 male and female guards.
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Komendatura and Visitor's Registration Office

KOPKIN Personnel chief; replaced Lt. STEFANOV, who remained with the branch until 1951 after dissolution of the OTB.

KUDRYATSEV, VANINSKAYA, and ZALUTINA served as duty officers at the komendatura.

CHISTYAKOV, BARENBAUM, and PALINOVA were escort-interpreters.

Technical Translator's Office

MEDVEDYEV	Maj.	Chief translator; remained with the branch until 1951.
KOSOV	Lt.	Technical translator; remained with branch until 1951.
VETLOV	Lt.	Technical translator; remained with the branch until 1951.
VETLOVA, Tatyana	Lt.	Technical translator; remained with the branch until 1951.
VIOLENTOVA, Anna		Technical interpreter; after the departure of the military personnel she remained the only technical interpreter at the branch.

Housing Administration

ANDREYEVA Assisted by two--three attendants and five--six charwomen.

Main Supply Store

No information..

Fire Department

No information.

Library

Attended by one female librarian.

Trade Union Office

ANDREYEVA, of the Issue and Repair Store, acted as trade union functionary. She was assisted by two other party members.

Pass Office

Two female attendants. This office was presumably under the control of the security section.

Chief Mechanic

PARAPAYEV Served as chief mechanic for all workshops and repairs.

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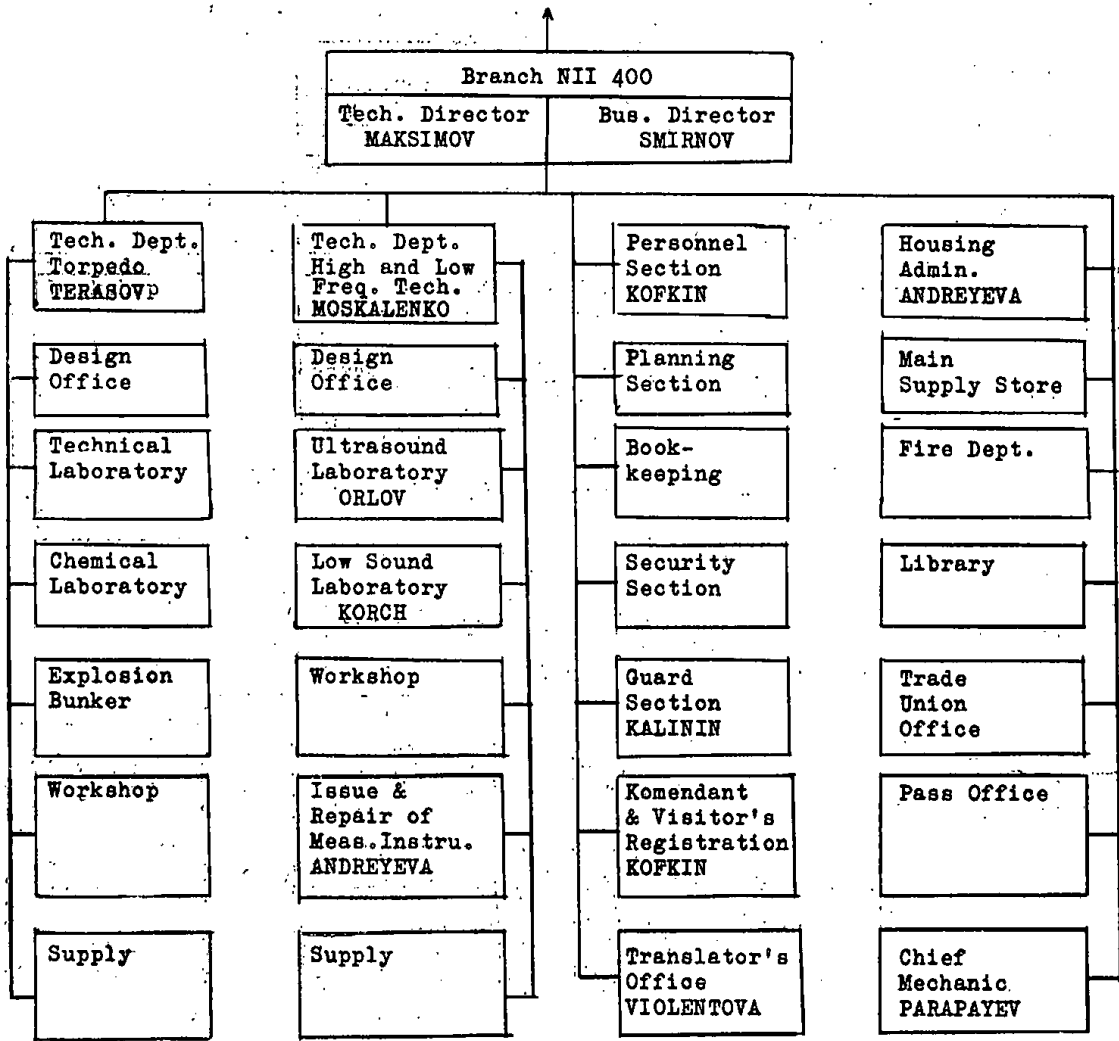
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ORGANIZATIONAL CHART (MAY 1948--FEBRUARY 1953)
LOMONOSOV BRANCH OF NII 400, Leningrad
INSTITUTE OF THE MINISTRY FOR SHIPBUILDING INDUSTRY



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